

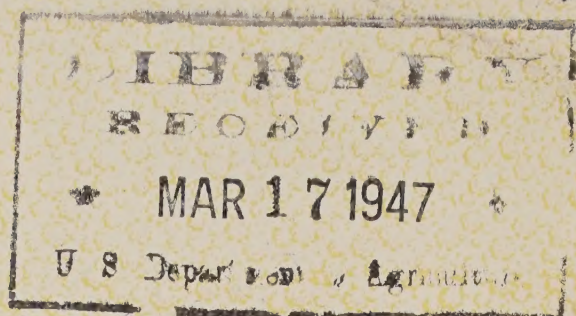
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# Kroh Brothers Nurseries

LOVELAND, COLORADO



*Preferred Nursery Stock for the  
Rocky Mountain and Plains Region*

**1947**

Member of American Association of Nurserymen



Our annual list of nursery stock is being sent to an increasing number of interested home owners, either by virtue of new requests, or as a result of current patronage. We are glad to send it to you and are especially grateful to those who have recommended our stock to their friends.

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## TERMS OF SALE

**Prices** are cash with order; C. O. D. orders must be accompanied by at least one-fourth cash; money orders and checks are recommended for remittance; orders with coins and currency should be registered.

**Shipping Charges:** Quotations in this catalog are based f. o. b. Loveland, Colo.; in the average case, Express shipment is best with shipping charges payable on arrival for the exact amount which will run about 10% of the amount of medium sized orders of deciduous stock. Parcel post shipments can be made on smaller items such as perennials, roses, the smaller shrubs, most hedge and windbreak stock, fruit plants, and fruit trees in medium and smaller sizes. For parcel post shipments please include 10% of the amount of the order for postage. Shade trees and balled Evergreens are sent only with shipping charges collect.

**Rates** unless otherwise noted, are quantities from 1 to 5 at price each; 5 to 30 at rate per 10; 30 to 300 at rate per 100.

**Shipping season,** for spring, March 15 to May 10. Early April planting is best. Order in advance if possible.

**Please Note:** In view of possible changes regarding supplies and labor, prices are subject to change without notice prior to a subsequent price list.

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## Front Cover Illustration

This is an actual photograph showing a display section of our Hardy Garden Chrysanthemums in the fall. Thousands of additional plants are also grown in our other fields, representing the largest and most complete stock in the west. Such wealth of fall color is offered for your garden on succeeding pages in this catalog.

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**OUR LOCATION**—One mile north of Loveland, Colo., on Highway 87.



# *Western Grown*

## *for Western Planting*

The Rocky Mountain and Plains region comprise a distinct climatic area in that the higher altitude, limited rainfall, sudden temperature changes, and the length of the growing season have a definite influence on plant growth. Evaporation of moisture from plants is high and must have a more highly developed root system to maintain a normal growth balance. Bark and wood cells also build up resistance to atmosphere and temperature.

Some varieties that do well in a lower, more moist climate will not adapt themselves to our growing conditions, and so cannot be considered. Fortunately, however, there are many varieties that have proven their adaptability here, and others are being tried and observed to enlarge the list of plant material especially suited to growing conditions in this area, both in fruit and ornamental stock. We take pride in participating in the leadership in testing plant material and bringing new proven hardy items to our western trade so that our customers may have the best nursery stock obtainable.

There can only be one conclusion in obtaining the greatest value in your purchase of nursery stock; if it is acclimated, correctly grown and properly handled you will realize the maximum results in transplanting; if the varieties are adapted you may expect a successful continued growth.

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### ❖ Guarantee ❖

Our Nursery stock is guaranteed to be true to name and free from insect pests and diseases as certified by state inspection. Any stock proving otherwise will be replaced free, or at sellers option purchase price will be refunded. In no case will liability be accepted for more than original purchase price.

We guarantee our nursery stock to reach customer in good live condition, and we shall refill free any stock that does not reach customer in good condition provided we are notified immediately on arrival of order so that necessary claims can be filed with transportation company.

Since we have no control over climate or soil conditions or possible neglect by planter, it is impossible to guarantee trees and plants to grow. We do have confidence in the nursery stock we send out, and will replace any stock that fails to leaf out the first summer at one-half the **current retail each-rate** prices provided the customer notifies us before Sept. 1 following planting. No replacements can be made on stock planted unseasonably, against our advice, or where customer is notified of non-replacement before purchase; guarantee and replacements are void in case full payments are not made when due.



# Fruit Trees and Plants

## A GUIDE FOR SELECTING VARIETIES OF FRUITS

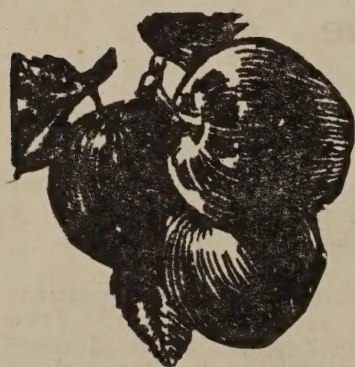
We doubt whether there is another section that has such a range of climatic conditions as has the Rocky Mountain and Plains region. Exposure and altitude are more varying factors than latitude. Our mountain ranges as a rule afford zones of protection along the base of the mountains and within sheltered valleys where fruit growing more readily expands to commercial proportions. In many parts of this section, existing plantings of fruits have already pointed out what will or will not do well in a certain area. Here are suggestions, however, if you are in doubt as to what might grow best in your locality. In all cases soil and watering should be favorable, and windbreaks where necessary.

**SECTION I:** In the higher exposed plains of the Eastern Slope, up to about 6,500 feet and the higher mountain valleys—Crab Apples, Gooseberries, Currants, Garden Roots, Hardy Cheyenne Strawberries.

**SECTION II:** In the more agricultural sections of the exposed Eastern Slope plains and mountain valleys up to 7,000 feet—All items in Section I in addition to Yellow Transparent, Wealthy, Cortland, Haralson, McIntosh, N. W. Greening and Sheriff varieties of apples; American Type plums; Sour Cherries in some areas; Beta grapes; Hardy Cheyenne Strawberries.

**SECTION III:** Where there are more moderate climatic conditions on the Eastern Slope, especially in the irrigated sections of around 5,000 feet or less, mountain valleys, and the Western Slope up to 6,000 feet—All items in Sections I and II in addition to Sour Cherries, European plums; Additional Apple varieties; Pears, Strawberries, Raspberries, Grapes, (Advisable to cover Raspberries in winter.)

**SECTION IV:** In the Western Slope districts of 5,000 feet or less and the southern part of the Rocky Mountain region, there are many localities where the more tender fruits such as peaches can be grown successfully in addition to all items in Sections I, II and III.



## Apples

### Please Note

Since the same sizes are not available in all varieties of apples at this time, we designate with each variety below which sizes are in stock. These are designated as sizes 1, 2, 3, 4, and 5; sizes 1, 2, and 3 represent larger two and three year stock, and sizes 4 and 5 represent trees with thrifty one year tops and three year roots.

### Summer Varieties

**RED JUNE.** August. Medium size; deep red, good flavor; productive. Sizes 1, 4.

**YELLOW TRANSPARENT** . Ripens in August, a splendid early cooking and eating apple; medium to large, pale yellow fruit. Hardy, bears young. Sizes 1, 2, 4.

**WHITNEY CRAB.** August. Hardy, good bearer; fruit small to medium, striped red and green, fine for eating and canning; sweet and crisp. Sizes 1, 2, 4, 5.



## Fall Varieties

**WEALTHY.** September. Fine reliable bearer of large red-striped tender, juicy, slightly sub-acid fruit. When considering fall apples this should be one of the first. Sizes 1, 2, 3, 4, 5.

## Winter Varieties

**CORTLAND.** Beautiful red apple of McIntosh parentage of slightly later season. The flesh is firmer but just as juicy and has very similar delightful aroma and flavor. Hardy and very desirable for commercial or home planting. Sizes 1, 2, 3, 5.

**DARK RED DELICIOUS.** Often referred to as Double Red. A much improved Delicious, turning completely red before it is ripe. Otherwise it has the same fine flavor of Common Delicious. Sizes 1, 3, 4, 5.

**YELLOW DELICIOUS.** This beautiful yellow apple is a bright golden yellow, sweetly acid flavor, and commands high market prices. This variety is a good bearer, beginning at early age. Sizes 1, 4, 5.

**HARALSON.** A new Minnesota variety that is proving its top rank as a winter commercial variety in this section. Trees are vigorous and hardy and bear at early age. Fruit is large, red with deeper stripes, fine grained and tender; excellent keeper. Sizes 1, 2, 3, 4, 5.

**JONATHAN.** Medium size of finest quality; bright red, fine flavor; moderate grower. Sizes 1, 2, 3, 4, 5.

**McINTOSH.** A deep red apple of good size with crisp, tender, snow white flesh. Has extremely pleasing flavor and distinct pleasant aroma. Above the average in hardiness and dependability. Season late fall and early winter. Sizes 1, 3, 4, 5.

**NORTHWESTERN GREENING.** A good winter cooking apple, large, greenish yellow, firm. Productive bearer. Sizes 1, 4.

**RED SHERIFF.** An adapted variety especially popular in Northern Colorado. Makes shapely tree; bears young and is consistent. Apples good size and quality; color red with orange shading. Distinctive flavor which many rate next to Delicious; longer keeper; tree better adapted. Sizes 1, 3, 4.

## Crab Varieties

**DOLGA.** Has very brilliant red fruit of small size, borne freely. Sprightly flavor; makes rich colored jelly. Fall. Blossoms, fruit and shape make it desirable as ornamental tree. Sizes 1, 2.

**FLORENCE.** Very hardy. A medium size tree bearing abundant crops of small yellow and bright red apples for jellies and preserving. Fall. Sizes 1, 2.

**RED SIBERIAN (SHIELDS STRAIN).** Very hardy. Very thrifty grower producing enormous yields of small, firm apples with red coloring prized for jelly. Fall. Sizes 1, 2, 4, 5.

**WHITNEY.** See summer apples.

Prices apply to choice of varieties described above, alike or assorted.

Size	Appr. Ht.	Price each in lots of		
		1-4	5-15	16-25
No. 1 $\frac{3}{4}$ to 1 in. trunks	5-7 ft.	\$1.75	\$1.70	\$1.65
No. 2 $\frac{11}{16}$ in trunks	5 ft.	1.55	1.50	1.45
No. 3 9-11/16 in. trunks	4-6 ft.	1.25	1.20	1.15
No. 4 one yr. tops	4-5 ft.	1.10	1.05	1.00
No. 5 one yr. tops	3-4 ft.	.85	.80	.75



## SPECIMEN HARDY CRABAPPLES

### DOLGA — RED SIBERIAN

There are many occasions where the permanent hardy fruit tree fits in perfectly. Crabapples are just about the hardiest of tree fruits; profuse in bloom and generous in fruit.

Both Dolga and Red Siberian available in following special large sizes: 6 to 7 ft. (1 to 1¼ inch trunks) ea., \$2.25; 7 to 8 ft. (1¼ to 1½ inch trunks) ea., \$2.75; 8 to 9 ft. (1½ to 2 inch trunks) ea., \$3.25.

## New One-Tree Apple Orchard

An outstanding innovation for saving space on a small plot of ground in the way of growing tree fruit. This is not merely a horticultural novelty, but is also practical and makes it possible to pick several kinds of fine quality apples from a single tree in the same season.



The above tree is a few years old and starting to bear. Photoaraph shows grafts as growing from the main trunk. Note thrifty appearance of the trunk which is the special hardy crabapple stock.

Grafting skill converts just one tree into a miniature orchard with as many as 5 and 6 varieties on the same tree.

The "One TREE ORCHARD" has advantages over dwarf fruit trees, saving even more space and is better adopted to western soils.

We have given special attention to the foundation stock for this particular type of tree. For assurance of the best continuous vigorous growth we use exclusively an especially hardy, thrifty blight resistant variety of crabapple which serves as the trunk.

Practically the same care and maintenance given an ordinary apple tree would also apply to this particular type. Some pruning may be necessary to maintain spacing and fairly equal proportion among the different limbs. Trees with the most varieties are more likely to be benefitted in regulating growth by pruning.

The apples grafted on the "ONE TREE ORCHARD" are regular standard varieties including Red Delicious, Yellow Delicious, McIntosh, Jonathan, Har-  
alson, Red June, Yellow Transparent, and Jefferis.

In ordering please state the height tree wanted and number of varieties. We cannot assure you of supplying any certain combination of varieties, although there may be one or more of your favorites on a certain tree.

#### 5 to 6 ft. trees

3 variety  
\$2.25 each

4 variety  
\$2.75 each

5 variety  
\$3.25 each

6 variety  
\$3.75 each

#### 6 to 8 ft. trees

4 variety  
\$3.50 each

5 variety  
\$4.00 each

6 variety  
\$4.50 each





## Cherries

Caliper means diameter in inches at the base of the tree trunk. In our practice of producing stocky, well-branched trees so necessary for successful development in our western climate, the height to which we grow them is of secondary importance.

**EARLY RICHMOND.** Ripens about July 1; fruit medium sized, red. Sizes 4, 5.

**ENGLISH MORELLO.** Ripens late July. Fruit large, nearly black, very attractive. Starts bearing heavily at early age. Sizes 1, 3, 4, 5.

**MONTMORENCY.** The best all around sour cherry grown. Ripens mid-July; fruit large bright red. Leading commercial variety. Sizes 1, 2, 3, 4, 5.

**OSTHIEM.** Nearly black, tender and juicy, with rich delicious flavor. Ripens mid-July; has the sweetest flavor of the sour cherry varieties. Stock limited; please inquire at nursery.

### Varieties alike or assorted

Size	Caliper In.	Appr. Ht.	Price each in lots of		
			1-4	5-15	16-25
1	3/4 to 1	3 1/2 ft. up	\$2.20	\$2.15	\$2.10
2	11/16	3 ft. up	1.95	1.90	1.85
3	9/16 to 11/16	3 ft. up	1.75	1.70	1.65
4	7/16 to 9/16	2 1/2 ft. up	1.55	1.50	1.45
5	5/16 to 7/16	2 ft. up	1.30	1.25	1.20

## SWEET CHERRIES

**YELLOW GLASS.** Sweet cherries are generally semi-hardy in the Eastern Slope and Plains country. Yellow Glass has withstood the climate better than other varieties. Attractive golden yellow fruit of good size; firm flesh and sweet flavor. 4 to 5 ft. not branched, ea. \$1.85; 3 to 4 ft. not branched, ea. \$1.50.



Photograph of typical young cherry orchard planted by one of our customers. Such results are possible with only the finest nursery stock.

## Hansen Bush Cherry

A hardy and very useful bush type fruit growing to about 4 ft., excellent to supplement tree fruits. Bears many small sweet dark plum-like fruits; starting to bear very soon after transplanting. 2 to 3 ft. ea. 75c; three for \$2.10.



# Plums

## American Type

**GOLDEN WEST.** Heavy bearing, hardy, golden yellow plum with orange overcast; medium size. Less subject to late spring frost by late blooming habit. Sweet delicious flavor. Sizes 1, 2.



**KAHINTA.** This is an outstanding plum on account of its very large fruit. Color is red; good flavor, and can stand handling for market. Trees thrifty. Size 1.

**DROPMORE.** Hardy vigorous variety of Canadian origin. Fruit is of medium size, solid and meaty; purplish red when ripe. Sweet to eat fresh and excellent for preserving. Ripens September. Size 1.

**SUNSET.** Glowing light red fruit of medium size; sweet flavor and juicy. Hardy and good producer. Size 2.

**SUPERIOR.** Plum of very large size. Color red with yellow flesh; fine pleasing flavor. Originated in Minnesota; tree vigorous and productive. Size 2.

**UNDERWOOD.** Good sized attractive red fruit with fairly firm juicy flesh of good flavor; small pit. Size 1.

**COMPAS CHERRY-PLUM.** Small, wine red, distinct flavor. Very hardy and early bearer. Size 2.

## European Type

**ITALIAN PRUNE.** Oval shape purple delicious fruit, juicy but firm. Freestone. Sept. Size 2.

**STANLEY PRUNE.** Ranks as one of the best of all prune varieties; very large size, fine grained flesh of excellent flavor. Trees thrifty and productive, and start bearing heavily while young. Sizes 1, 2.

**LOMBARD.** Medium large variety of dark violet red color, favored by many. Has yellow juicy flesh of mild delicious flavor. Prolific bearer. Late Aug. Sizes 1, 2.

### Varieties alike or assorted

Size No. 1 No. 2	Height 5 to 7 ft. 4 to 6 ft.	Price each in lots of	
		1-4 \$1.75 1.50	5-15 \$1.70 1.45

# Pears

**BARTLETT.** The leading late summer pear. Large, yellow with blush. Juicy, sweet, high quality.

**TAIT.** Very hardy variety of Canadian origin. Although medium to small in size, fruit is delightfully sweet and juicy when ripe about first week in September. This variety is very thrifty and blight resistant.

### Prices of Bartlett and Tait Pears

Trunk diam. 7-9/16 in.	Height 3-4 ft.	Price each in lots of		
		1-4 \$1.55	5-15 \$1.50	16-25 \$1.45



# Other Fruit Trees

**PEACHES, APRICOTS, SWEET CHERRIES** are not generally recommended northerly on the eastern slope of the Rockies, and we cannot guarantee future results of these varieties. There are other parts of our region where they do well.

**APRICOTS**—No stock available for 1947.

## Peaches

**ELBERTA.** The greatest commercial peach on the market today. Fruit large, yellow with red cheek, juicy and highly flavored. September. Size 2.

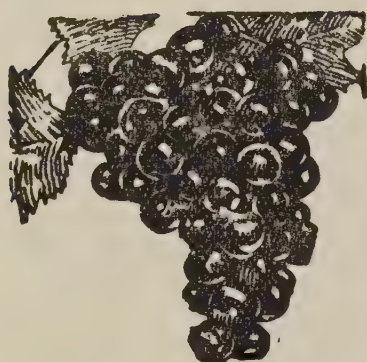
**HALEHAVEN.** Highly popular recent introduction. Produces firm large fruit, yellow with generous red shading. Excellent flavor. Sizes 1, 2.

**POLLY.** White freestone having more cold resistance than the average variety. Has luscious flavor, juicy but firm. Late August. Sizes 1, 2.

### Peach prices, alike or assorted

Size No.	Caliper	Appr.	Price each in lots of		
	In.	Ht.	1-4	5-15	16-25
1	9-11/16	4 ft. up	\$1.50	1.45	1.40
2	7-9/16	3 ft. up	1.20	1.15	1.10

## Small Fruit



## Grapes

All vines are heavily rooted 2-year No. 1 size.

**CONCORD.** The widely planted blue-black grape.

Price each 40c.  
\$3.75 per 10.

**BETA.** Where a rugged grape is required this deserves very serious consideration. A cross between Concord and wild grape and will adequately support the home needs for jelly and juices. Hardy without protection. Ideal for arbors and fences. Each 45c. \$4.25 per 10.

**CACO.** A new red grape among the earlier ripening varieties. Bunches are compact and of good size and form. Pleasant sweet flavor. Price each 45c; \$4.25 per 10.

**NIAGARA.** Productive "white" variety. Large berries mature to light greenish-yellow; has sweet mellow flavor. Price each 45c. \$4.25 per 10.

**FREDONIA.** A new very early delicious black grape, with large berries and bunches. Ripens two weeks ahead of Concord. Price each 45c. \$4.25 per 10.

## *New Thornless Boysenberry*

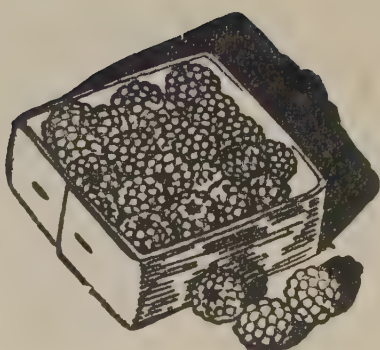
Distinctly a new fruit that bears sensationally large berries of excellent flavor, and we are now able to offer a new thornless strain. A cross from Loganberry, Raspberry, and Blackberry parentage, of very large size and wonderful flavor; purple color. Canes require winter protection under exposed conditions. Price for 4, 85c; per 12, \$2.40; per 25, \$4.50.



# Raspberries

## **BLACK CUMBERLAND.**

The largest and very best black-cap. Vigorous growth and prolific. One year plants, per dozen \$1.75; per 25, \$3.25; per 100, \$12.00.



**INDIAN SUMMER—Everbearing.** A fine new red raspberry that fruits in early summer on old canes if protected over winter, and again later in the season on the new canes. Price per dozen, \$1.95; per 25, \$3.75; per 100, \$14.00.

**NEWBURG.** New very promising variety ripening a few days ahead of Latham; disease resistant. Berries very large, bright red, and do not crumble; heavy bearer. This has the largest fruit of any red raspberry we have ever grown. Price per dozen, \$1.75; per 25, \$3.25; per 100, \$12.00.

# Currants

## **TWO YEAR, NO. 1 PLANTS**

**PERFECTION.** The largest berries, most attractive red currant on the market. Price each, 45c; per 10, \$4.25.

**NEW RED LAKE CURRANT.** The finest of all red currants—Large Berries—Excellent Quality—Long Well-Filled Clusters—Superior Yields. A Minnesota introduction that promises to become the leading variety for home and commercial growers. Price each, 50c; per 10, \$4.75.

# Gooseberries

**CHAMPION.** A vigorous, very productive variety; planted extensively for commercial use; easy to pick. Large greenish-yellow when ripe. 2 year, No. 1 plants each, 60c; per 10, \$5.75.

# Strawberries

**GEM.** A more hardy everbearing variety producing a constant succession of fruit all summer and fall. Berry is dark red, good size, excellent quality, and has a prominent strawberry flavor. Price per 25, \$1.20; per 50, \$2.15; per 100, \$4.00.



**EVERMORE.** (Minn. 1166.) New everbearer. Minnesota introduction producing large conical berries of rich red color; flesh also red. Pleasing flavor. Field tests indicate exceptional winter hardiness. Price per 25, \$1.65; per 50, \$3.00; per 100, \$5.50.



# New Winter Hardy Strawberries

## *Early Cheyenne 1, Cheyenne 2, Cheyenne 3*

Unsurpassed hardiness with delightful flavor and aroma from Rocky Mountain wild strawberry parentage.

Originated at the Cheyenne Horticulture Field station, Cheyenne, Wyo., U. S. D. A. experiment station. Result of crossing Rocky Mountain wild strawberries for hardiness with outstanding commercial varieties, Dorsett and Fairfax. Outstanding winter survival at Cheyenne without mulch where practically all other commercial varieties have killed out with mulch.

Opens great new home garden strawberry possibilities in the severe dry winter climate of the Great Plains and Mountain Area where growing strawberries has not been practical before.

**EARLY CHEYENNE 1.** Parentage—Dorsett and Rocky Mountain native strawberry. Fruits medium size, conic shaped; attractive bright red with red tender flesh. Excellent quality, mildly sub-acid with high flavor and aroma. Berries ripen early and bear profusely over long period. Very winter-hardy and makes runners freely.

**CHEYENNE 2.** Parentage—Fairfax and Rocky Mountain native strawberry. Above medium in size, almost as large as Fairfax and Dorsett. Long conic shape, bright red with red tender flesh. Excellent quality with highly aromatic sweet berries. Ripens about ten days earlier than Early Cheyenne 1. Very winter hardy and makes abundance of runners.

Prices of Early Cheyenne 1 and Cheyenne 2				
per 25	50	100	200	300
\$1.00	\$1.75	\$3.00	\$5.50	\$7.50

**CHEYENNE 3.** Parentage—Fairfax and Rocky Mountain native strawberry recrossed with Fairfax. The fruit is large, rich red in color, with tender, but firm flesh, ripening several days later than Cheyenne 2; has pleasing delicious flavor. Largest in size of the Cheyenne varieties, and together with firmness suggests commercial use as well as a fine home garden variety.

per 25	50	100	200	300
\$1.10	\$2.00	\$3.25	\$6.00	\$8.25

## Garden Roots



**ASPARAGUS.** Mary Washington, the leading rust-resistant variety. 2 yr. No. 1 plants. Price per dozen, 75c; per 25, \$1.25; per 100, \$4.00.

**HORSERADISH.** Price, 3 for 65c; per doz. \$2.20.

**RHUBARB, Victoria.** Medium size, tender stalks. Price, 3 for 60c; per doz., \$2.10.

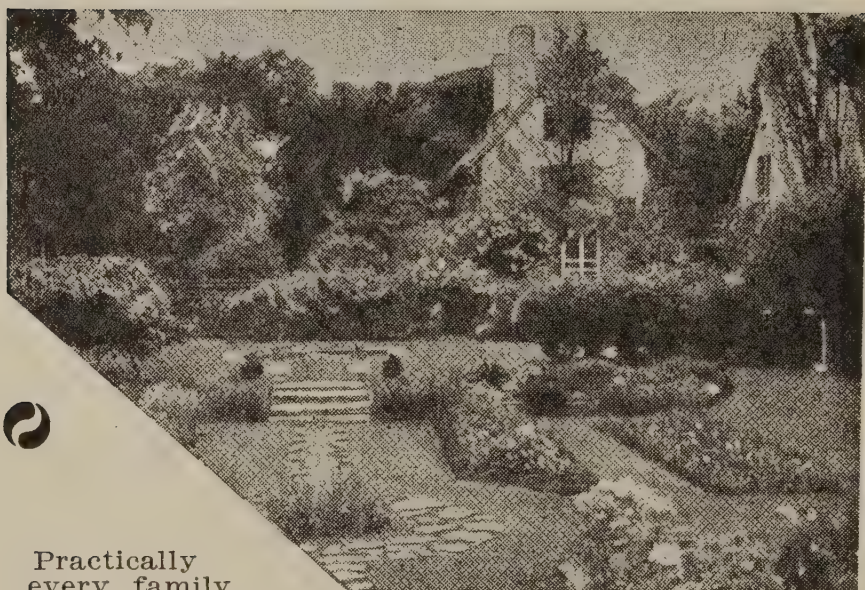
### NEW IMPROVED RHUBARB VARIETIES

**MCDONALD.** The best in Rhubarb. The stalks of this new variety are a brilliant crimson, large in size and very tender; requires less sweetening. Color is so prominent that sauce or pies carry a pronounced appetizing red color. Price each, 75c; 3 for \$2.10.

**RUBY RED.** A more recent variety of the new highly colored Rhubarbs. Has good sized stalks that are tender. Outstanding feature is the dark red color the full length of the stalk as well as being red through the center. Produces sweet, fine flavored, beautiful red sauce. Each 75c; 3 for \$2.10.



# Ornaments for Beauty



Practically every family has pride in the appearance of the home grounds. Selection of trees, shrubs, evergreens, vines and flowering plants that are adapted and their use in an orderly manner make it possible for practically everyone to have the pleasure of homes with attractive surroundings.

Whether it be additions to the home landscape by degrees or complete plantings, there is no investment that can be made in home improvement that is as reasonable in proportion. Structural improvements and home furnishings of course are essential, but the investment for landscaping is the only one in which the per dollar value will increase instead of depreciate.

## SHRUBS

### For Flowers and Foliage

The planting sizes of the different varieties listed here are described by height. We wish to stress the fact that height is given for stock that has been transplanted one or more times and has a heavy, well developed root system and well branched top. This stock should not be confused with light grades of easily propagated stock that is often featured by mail at low prices.

Numbers following names represent approximate height at maturity under average normal conditions.

**ALMOND, Double Pink Flowering.** 5-6 ft. Branches thickly studded with double pink rose-like blossoms in spring before leaves appear. Does best in protected location. 2 to 3 ft. each, \$1.25.

**BARBERRY, mentorensis.** 4-5 ft. Plant patent 99. Semi-evergreen upright shrub carrying heavy thick, dark green foliage changing with frost to pleasing autumn shades. Leaves continue to adhere nearly all winter. Gives air of refined simplicity and beauty to a planting. 24 to 30 in., each \$1.25.

**BARBERRY, thunbergi.** 4-ft. Dwarf shrub used extensively in foundation planting, groups, and hedges. Full branching habits; rich green foliage turning to red in autumn; red berries. 18 to 24 in., each 75c.

**BARBERRY, Red Leaf.** 4-ft. The same as Barberry thunbergi except for colorful bronzy red foliage all summer long. Locate in sunlight for best color. 18 to 24 in., each \$1.00.



## Caryopteris Sage Orchid

(*Caryopteris Mongoliensis*)

A new dwarf shrub that we have recently introduced and distributed to Western gardeners. Gray-green foliage is surmounted by quantities of small orchid-like flowers of fascinating powder blue displayed in racemes up to a foot in length. A pleasing aromatic sage-like fragrance can be observed in the foliage. In bloom at a season—July and August—when desirable garden flowers are none too plentiful, especially in a good blue. Has lasting qualities for cutting through ability of buds to continue to open. Coming originally from the Mongolian region, this plant adapts itself ideally to our growing conditions. Average culture and sunshine are sufficient. Will start flowering the first year planted. Strong 4 year stock, \$1.00 each; 3 for \$2.70.

**BUTTERFLY BUSH, "Ile de France."** 4 to 5 ft. For a brilliant display of rich color from July to severe frost we know of no shrub to surpass it. Bears 12-inch spikes of deep, rich claret purple flowers on a well rounded bush. Perennial; will bloom first year. Strong plants, each 75c.

**CARAGANA, DWARF.** 3-ft. Rather new dwarf bushy shrub with minute dark green foliage and showy orange pea-shape flowers in May. Adapted to limited space; thrives in dry sunny position; very hardy. 15 to 18 in., each 75c; 18 to 24 in., each 90c.

**CARAGANA, arborescens.** "Siberian Pea Tree." 10-12 ft. Very hardy tall shrub for specimens, screens or hedges; attractive locust-like foliage, green stems. Small yellow pea-shape blossoms May-June. 18 to 24 in., each 40c; 2 to 3 ft., each 60c; 3 to 4 ft., (heavy) \$1.25; 4 to 5 ft., (heavy) \$1.50; 5 to 6 ft., (heavy) \$1.75. (For hedging grades, see under Hedge and Windbreak plants.)

**CURRENT, Alpine.** 4 ft. A compact low shrub that presents a neat appearance for general use; also satisfactory in partial shade. 2 to 3 ft., each \$1.00.

**CURRENT, Golden Flowering.** 5 to 6 ft. A handsome hardy shrub bearing a profusion of bright yellow tubular flowers, April-May. Foliage appears early and assumes beautiful autumn colors. 2 to 3 ft., each 70c; 3 to 4 ft., each \$1.00.

**COTONEASTER, integerrima.** 5 to 6 ft. one of the rarer hardy forms of cotoneaster laden with red berries in the fall; branches have somewhat arching habit of growth. 2 to 3 ft., each 85c; 3 to 4 ft., each \$1.25.

**COTONEASTER acutifolia.** 5 to 7 ft. Graceful, very hardy; dark green foliage; black berries and beautifully colored foliage in autumn. One of the choice shrubs for our region. 2 to 3 ft., ea 85c; 3 to 4 ft., ea. \$1.25.

**EUONYMOUS, atropurpureus.** Wahoo or Burning Bush. 10-12 ft. Especially attractive are the many bright red berries carried well into winter. Foliage attractive green in summer, turning rich fall color. 2 to 3 ft., each 85c.

**FORSYTHIA, fortunei.** Golden Bells. 6-8 ft. Upright arching branches bearing many early bright yellow flowers in April. Blooms best following mild winter and spring in protected place. 2 to 3 ft., each 85c.

**FLOWERING QUINCE, Cydonia japonica.** 4-5 ft. Becomes ablaze with scarlet blossoms in spring before leaves mature. Blooms best following mild winter and spring in protected place. 2 to 3 ft., each 85c.

**MOUNTAIN MAPLE. Acer glabrum.** 10 to 12 ft. Hardy native shrub maple with typical maple foliage, with golden fall color; a worthwhile item where a large shrub is desired. 4 to 5 ft., ea. \$1.50.



(ORNAMENTALS, SHRUBS, Continued)

**HONEYSUCKLE albertiana.** 2 ft. Dwarf spreading habit of growth with narrow blue-green foliage; attractive fragrant waxy pink flowers in May. Rare variety from Central Asia; very hardy. 18 to 24 in., each \$1.00.

**HONEYSUCKLE, zabeli.** True Red Honeysuckle... 8 to 10 ft. Habit of growth resembles the Pink Tartarian, but the distinct difference is in the decided rose-crimson color of the blossoms which is in contrast with the rose and pink shades of other honeysuckles. Blooms May-June followed by scarlet berries; very hardy. Stock limited. 2 to 3 ft., each 75c; 3 to 4 ft., each \$1.10; 4 to 5 ft., each \$1.50.

**HYDRANGEA, A. G.** 3 to 5 ft. Bears very large clusters of snow-white flowers, July-Aug., and rather large foliage. Usually starts from ground in spring in this climate. Not recommended in strongly alkaline soils. 3 yr. plants, each \$1.00.

**MOCK ORANGE, Virginal.** 6 to 8 ft. Medium grower, bearing many beautiful fragrant semi-double flowers over a long season from May on. 2 to 3 ft. each \$1.10.

**POTENTILLA fruticosa.** Shrubby cinquefoil. 3 ft. Very hardy dwarf shrub that has an unusually long blooming season; small yellow flowers from June to Aug.; shade or sun. 18 to 24 in., each 75c.

**NINEBARK, Dwarf.** 4 to 5 ft. A medium low growing shrub giving a fine trim appearance with its compact form and dense attractive green foliage. Neat white flower clusters appear about June 1. 18 to 24 in., each 75c; 2 to 3 ft., each \$1.00.

**NINEBARK, Golden.** 8 to 9 ft. Branching growth but with formal outline. New growths are high-lighted with yellow foliage changing to bronzy green. White flowers, red seed pods. 3 to 4 ft., each \$1.00.

**NINEBARK, Opulifolius.** 8 to 9 ft. Well formed shrub with clustered white spirea-like flowers in June. 3 to 4 ft., each \$1.00.

**PRIVET, Amur River.** This variety is chiefly used as stock for trimmed hedges. Is satisfactory up to about 5,000 feet elevation and in reasonably fertile soil. See Hedge Plants.

**PRUNUS CISTENA.** Purple Leaf Plum. 5 to 7 ft. Very colorful shrub. Plum like foliage is deep blood red while forming, changing to bronzy green; small pink flowers in May. Adds variety and contrast. 3 to 4 ft., each \$1.75.

**PRUNUS TOMENTOSA.** Nanking Cherry. 8 to 10 ft. Very desirable shrub heavily laden with light pink bloom before leaves develop. Bears red cherry-like fruit of fair size and good flavor often used for preserving. Neat branching habit and well furnished with dark green foliage. 3 to 4 ft., each \$1.25; 4 to 5 ft., ea. \$1.50.

**PRUNUS TRILOBA.** Also known as Flowering Almond, Flowering Plum, and "Rose Tree of China." 5 to 7 ft. A charming shrub of vigorous growth. In spring the whole bush is decked with quantities of very double pink blossoms just as the leaves begin to appear. Foliage also attractive. 2 to 3 ft., ea. \$1.50.

**SNOWBALL, Common.** 8 to 10 ft. Well known shrub forming many balls of pure white flowers in May-June, 2 to 3 ft., ea. \$1.10.

**SNOWBERRY, White.** (Racemosus) 4-5 ft. Of fairly compact growth; attractive green foliage. Tiny pink flowers in June followed by large white berries remaining into winter. 2 to 3 ft., ea. 70c.

**SNOWBERRY, Red.** (Coralberry) 4-5 ft. Attractive variation from the White Snowberry in that it has smaller red berries that cluster in ropes along the stems, and with slightly darker foliage. 2 to 3 ft., ea. 70c.

**SPIREA Korean.** 5 to 6 ft. Bears profusion of white rounded flower clusters slightly larger but similar to Van Houte; blooms two weeks later. Bright green foliage well retained throughout the season. 3 to 4 ft., ea. 90c.





## LILAC—SYRINGA

This class of shrubs is of great value for Western planting; they are hardy, drouth-resistant, and unexcelled during their blooming season for beauty and fragrance. Lilacs are also characterized by rich, durable and luxuriant foliage.

**HUNGARIAN LILAC.** 8 to 10 ft. Blooms about two weeks after Common Lilac; flowers deep lilac to violet. Has rich dark green foliage and neat habit of growth. Flowers seldom affected by late freezes. 2 to 3 ft., each \$1.00; 3 to 4 ft., each \$1.25; 4 to 5 ft. each \$1.50.

**PERSIAN LILAC, Rothamogensis type.** 8 to 10 ft. Flowers few days later than Common Lilac; color attractive lilac shade with rosy overcast. Medium size foliage and graceful habits of growth. Starts blooming young, and is one of the most satisfactory of lilacs. 2 to 3 ft., each 85c; 3 to 4 ft., each \$1.25; 4 to 5 ft., each \$1.50.

**VILLOSA LILAC.** 8 to 10 ft. A late blooming variety with broad plume-like panicles of delicate pink flowers; large foliage. Starts blooming rather young. 3 to 4 ft., each \$1.25.

### HYBRID LILACS

**CONGO.** A French hybrid Lilac having deep wine-red blossoms. Bushes similar in appearance to common lilac, but with decided difference in color of flowers. 3 to 4 ft., each \$2.00.

**MICHEL BUCHNER.** French hybrid Lilac. Exquisite pink-lilac buds merging into blue-lilac when fully open. Extremely large trusses. 3 to 4 ft., each \$1.75.

**PRES. GREVY.** French hybrid Lilac. Has distinctive clear, soft, delicate blue color. Immense symmetrical panicles; individual florets decidedly double. 3 to 4 ft., each \$1.75; 4 to 5 ft., each \$2.00.

**HIAWATHA LILAC.** Remarkable blossoms come in heavy clusters of pure deep rose-pink; the florets are set very closely together, with a heavy waxy appearance. Blooming season is early June, flowers forming as part of new growth escaping late spring freezing. Starts blooming as soon as well established. Has large luxuriant foliage and bush is of neat habit of growth; not inclined to sucker. Very worthwhile Villosa hybrid of Canadian origin. 4 to 5 ft., each \$3.50; 5 to 6 ft., each \$4.00.

**SPIREA Frobeli.** 3 to 4 ft. A summer blooming dwarf spirea with crimson pink flower clusters. Purplish foliage in spring and autumn. 18 to 24 inch clumps, ea. 70c.

**SPIREA Van Houtte.** 5 to 6 ft. Well known popular shrub, sometimes called "Bridal Wreath." Graceful habit of growth, and is a "fountain" of white flowers in late May. 2 to 3 ft., ea. 75c; 3 to 4 ft., ea. \$1.00.

**SUMAC cismontana.** Dwarf Sumac. 5 to 6 ft. An uncommon type that differs in its dwarfer habit and very dark glossy foliage. Has red fruit clusters and rich red autumn foliage. 2 to 3 ft., ea. 65c.

**SUMAC, Staghorn.** 15 to 18 ft. A large shrub or tree; colorful red foliage and scarlet fruit clusters in autumn. 3 to 4 ft., ea. 85c.

**TAMARIX Hispida.** 10 to 15 ft. One of the hardiest and best Tamarix; has feathery silver foliage, bright coral-pink flowers, June-July. In bloom longer than any other variety. (For best success, tamarix should be cut back at least half when planting.) 2 to 3 ft., ea. 75c.

**VIBURNUM Lantana.** "Wayfaring Tree" 8 to 10 ft. Upright growing shrub with heavily veined rich green foliage. Heads of white flowers in June, followed by red and black berries. 2 to 3 ft., ea. 85c; 3 to 4 ft., ea. \$1.20.

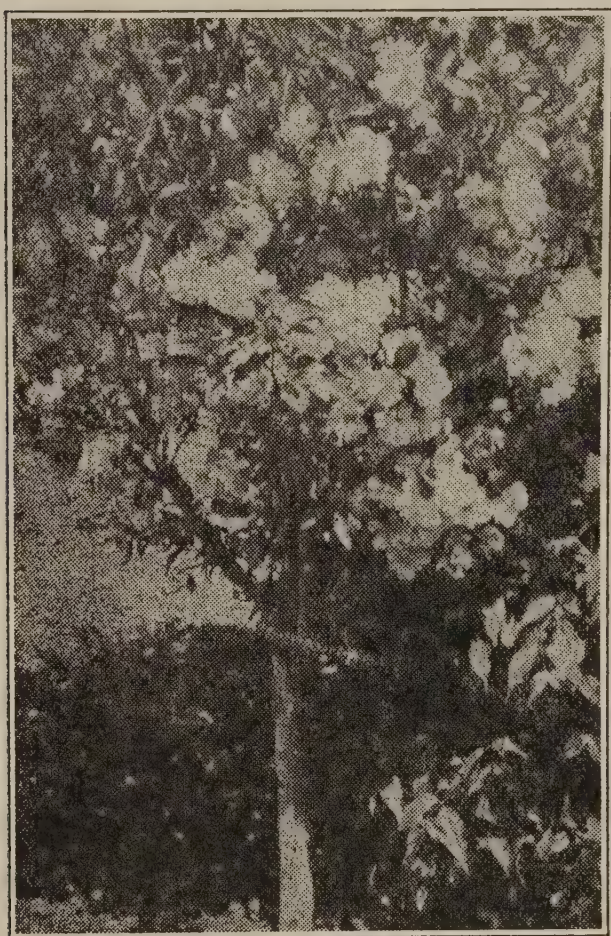


# Shade and Ornamental Trees

Both beauty and comfort are gained by planting trees. In the following list are outstanding varieties for background and framing, for shade, specimens and screens.

The numerals following the name is approximate height at maturity in feet.

**ASH. Green Ash.** 40 to 50 ft. One of the most durable shade trees in dry, cold climates. Makes a round headed tree with attractive green foliage. 1¼ to 1½ inch caliper, ea. \$2.75; 1½ to 2 inch caliper, ea. \$3.75.



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**CRAB, Bechtels.** 12 to 15 ft. A dwarf crab bearing many rose-like large double pink flowers in May. A standard of excellence in flowering crabs. 2 to 3 ft., ea. \$1.25; 3 to 4 ft., ea. \$1.75; 4 to 5 ft., ea. \$2.25.

**CRAB, Dolga.** 20 ft. A first rate hardy ornamental as well as bearing very useful fruit for jells. White flowers followed by highly colored small crimson apples. 6 to 7 ft., ea. \$2.25; 7 to 8 ft., ea. \$2.75; 8 to 9 ft., ea. \$3.25.

**CRAB, Hopa. (Red Flowering Crab).** 20 to 25 ft. Striking rosy red flowers followed by bright red fruits; foliage has a soft bronzy tinge. A choice hardy variety. 6 to 7 ft., ea. \$2.25; 7 to 8 ft., ea. \$2.75; 8 to 9 ft., ea. \$3.25.

**CRAB, Hawthorn. *Pyrus transitoria*.** This ornamental is unusual and still quite rare, coming originally from western China. Has finely cut glossy green leaves like English Hawthorn. 5 to 6 ft., ea. \$2.25; 6 to 8 ft., ea. \$3.00.

**CRAB, Red Silver.** 18 to 20 ft. Has dull maroon foliage with delicate silver shading with somewhat cut leaf shape. Flower buds are rich red in color, remaining definite red in color when expanded. Small dark red fruits. 3 to 4 ft., ea. \$1.50; 5 to 6 ft., ea. \$2.50; 6 to 7 ft., ea. \$3.00.



**BIRCH, Cut Leaved Weeping.** 30 to 40 ft. A very graceful and attractive tree with drooping limbs and delicately cut foliage; silvery white bark. 6 to 7 ft., ea. \$3.75.



One of our fields of shade trees spaced in wide rows and carefully pruned to develop straight trunks without weak crotches.

**ELM, Chinese.** 40 to 50 ft. Also known as Siberian Elm. An extremely rapid grower, with slender, almost wiry branches carrying its dense graceful foliage over a long season.

The remarkable growth of Chinese Elm with limited moisture, together with its attractiveness have made it a favorite in the Great Plains region. Planting is not advised where moisture is excessive, or at higher elevations where growing season is short.

Prices apply to well rooted, correctly shaped trees.

	Price Each	Per 10
8 to 10 ft. ....	\$2.00	\$18.50
1¼ to 1½ inch caliper .....	2.25	21.00
1½ to 2 inch caliper .....	3.00	27.50
2 to 2½ inch caliper .....	4.00	37.50

#### **SPECIAL GRADE CHINESE ELM**

This offer consists of trees selected for straight sturdy trunks out of seedling stock which can be used for individual planting. The root system is not as heavy as on the regular transplanted shade tree grades and will require closer attention in care and watering temporarily until started. These cannot be guaranteed at prices quoted except that trees be in good live condition when delivered; with a little extra care results can be very favorable.

Special 4 to 5 ft. size, ea. 50c; 3 for \$1.20; per 10, \$3.50  
Special 5 to 6 ft. size, ea. 60c; 3 for \$1.50; per 10, \$4.50

For windbreak see page 17.

**ELM, Moline.** 60 to 80 ft. Fine shapely new grafted type of American Elm with a narrower upright habit of growth. Especially desirable where uniform shaped trees are desired, or where space is limited. Has larger leaves and is more rapid growing than American Elm. 6 to 8 ft., ea. \$2.00; 8 to 10 ft., ea. \$2.75; 1¼ to 1½ inch caliper, ea. \$3.25.

**HACKBERRY.** 40 to 50 ft. Habit of growth is very similar to American Elm. Branches are strong and wiry and tree is remarkably free from insects and disease. A very durable and sturdy shade tree. 8 to 10 ft., ea. \$2.75; 1¼ to 1½ inch caliper, ea. \$3.25; 1½ to 2 inch caliper, ea. \$4.50; 2 to 2½ inch caliper, ea. \$6.25; 2½ to 3 inch caliper, ea. \$8.50; 3 to 3½ inch caliper, ea. \$10.50.

**HONEYLOCUST.** 40 to 50 ft. A sturdy tree that is adapted over a wide territory and to various uses. Has attractive pinnate foliage; protective thorns on branches. 1½ to 2 inch caliper, ea. \$3.75; 2 to 2½ inch caliper, ea. \$5.25.



(SHADE AND ORNAMENTAL TREES, Continued)

**THORNLESS HONEYLOCUST.** This is a Honeylocust strain that is free from thorns. 6 to 8 ft., ea. \$2.00; 8 to 10 ft., ea. \$2.75; 1¼ to 1½ inch caliper, ea. \$3.25; 1½ to 2 inch caliper, ea. \$4.50; 2 to 2½ inch caliper, ea. \$5.75; 2½ to 3 inch caliper, ea. \$7.75.

**LINDEN, American.** 50 to 60 ft. A tree of refinement that could well be planted more extensively in many localities. Of moderate growth, rounded to pyramidal in shape; large heart-shaped leaves. 1¼ to 1½ inch caliper, ea. \$3.25; 1½ to 2 inch caliper, ea. \$4.50; 2 to 2½ inch caliper, ea. \$6.25.

**MAPLE, Columnar Norway.** 50 to 60 ft. Selected grafted strain of Norway Maple having a trim upright habit of growth. 6 to 8 ft., ea. \$3.00; 8 to 10 ft., ea. \$4.00.

**MAPLE, Soft or Silver.** 60 to 80 ft. The well known rapid growing variety; foliage light colored on underside. 6 to 8 ft., ea. \$1.75.

**MAPLE, Schwedler. Purple or Red Leaf Maple.** 40 to 50 ft. One of the most attractive Maples in cultivation. As the broad leaves unfold and develop in the spring, the tree is a mass of reddish purple foliage maturing to a dark bronzy green. 6 to 8 ft., ea. \$4.00; 8 to 10 ft., ea. \$5.50.

**MOUNTAIN ASH.** (European) 20 to 25 ft. Has dense regular form, and rich green fern-like foliage; has numerous clusters of very showy orange-red berries in autumn. No stock available for 1947.

**OAK, Burr.** 50 to 60 ft. The Burr Oak is considered better adapted to western soils and climate than other tree types. Develops into a round stately tree. 6 to 8 ft., ea. \$3.50.

**POPLAR, Bolleana.** 50 to 60 ft. Beautiful narrow pyramidal tree with upright growth for tall screens and accent; rapid growing. Foliage is rich deep green, lobed, and silvery underneath; bark is smooth bluish green summer and winter. 6 to 8 ft., ea. \$1.65; 8 to 10 ft., ea. \$2.00; 1¼ to 1½ inch caliper, ea. \$2.40; 1½ to 2 inch caliper, ea. \$2.85; 2 to 2½ inch caliper, ea. \$3.75.

**POPLAR, Silver.** 60 to 80 ft. A quick grower with grey bark; maple-like foliage is dark green on upper side and white on underside. Makes large friendly tree where others are difficult to start. 6 to 8 ft., ea. \$1.50; 8 to 10 ft., ea. \$2.00; 1¼ to 1½ inch caliper, ea. \$2.50; 1½ to 2 inch caliper, ea. \$3.00.

**POPLAR, sargenti. Cottonless Cottonwood.** 50 to 60 ft. This is the regular Western Broadleaf Cottonwood that has been propagated from infertile trees, and will not bear cotton; noted for hardiness. 4 to 5 ft., ea. 75c; per 10 \$6.50.

**RUSSIAN OLIVE.** 20 to 25 ft. One of the hardier trees. Has narrow silvery foliage and stems; small very fragrant blossoms. Fine for specimens, screens and hedges. 5 to 6 ft., ea. \$1.50.

**WILLOW, Niobe Weeping.** 30 to 40 ft. Has very attractive golden bark, and long pendulous branches; beautiful in summer and of striking appearance in winter. 6 to 8 ft., ea. \$2.00; 8 to 10 ft., ea. \$2.50.

## Hedge and Windbreak Plants

The following varieties of trees and shrubs are some of the most satisfactory for trimmed hedges, informal hedges, screens, borders, and windbreaks. We briefly point out possible recommended uses of the varieties listed below.

Trimmed hedges have plants spaced from 6 to 12 inches or more apart with 9 to 12 inches being most common. Hedging stock should be trimmed back severely (½ or more) when planted to induce thick growth at the bottom. For screens or borders, plants are usually spaced from 18 inches to several feet apart, depending on the variety and the effect desired.



Windbreaks consist of one or several rows. Where several rows are used the lower growing variety is placed on the outside or windward side, Caragana for example, and graduating with a taller variety, such as Russian Olive, and a still taller variety on the inside, such as Chinese Elm. For average conditions, and especially on dryland, Chinese Elm from 6 to 12 ft. apart, Russian Olive from 5 to 10 ft. apart and Caragana from 3 to 5 feet apart are the outstanding varieties.

Further description of the following varieties is noted in listing of larger, landscape sizes under trees and shrubs.

**BARBERY, Thunbergi**—Low trimmed hedges or informal hedge. Not so successful at higher altitudes or in strongly alkaline soils.

### CHINESE ELM

The use of Chinese Elm for Windbreaks has exceeded that of any other deciduous variety in the plains area the past fifteen years or more because of rapid growth, drouth resistance, and thick branching habit. Also used for quick growing trimmed hedges of 4 to 7 ft.

	per 25	per 100
1 to 1½ ft. ....	\$1.00	\$ 3.00
2 to 3 ft. ....	2.00	6.50
3 to 4 ft. ....	3.00	10.00
4 to 5 ft. ....	4.50	15.00
5 to 6 ft. ....	6.25	22.00

**CARAGANA**—Trimmed hedge 2½ to 5 ft.; screen, border, or windbreak.

**HONEYSUCKLE, TATARIAN**—Trimmed hedge 3 to 5 ft.; also border or screen. Fast growing; hardy.

**LILAC, PERSIAN**—Excellent material for screens and borders; also stands trimming.

**PRIVET, Amur River**—Trimmed hedge 2 to 4 ft.

**RUSSIAN OLIVE**—Windbreak; trimmed hedge 4 to 6 ft.; tall screen or border.

**SPIREA VAN HOUTTE**—Informal hedge; screen or border.

**COLORADO SPRUCE**—Makes the finest kind of dense windbreak, winter and summer; a row of Spruce can also be maintained as a large trimmed hedge.

### PRICES OF HEDGE AND WINDBREAK PLANTS

Generally this class of material is smaller, lighter stock than that listed under Trees and Shrubs unless here referred to as "heavy transplants."

	25	100
Barbery, thunbergi, 1½ to 2 ft. ....	\$ 5.50	\$20.00
Caragana, 1 to 1½ ft. ....	2.00	6.00
Caragana, 2 to 3 ft. ....	3.75	12.00
Caragana, 3 to 4 ft. ....	5.00	17.00
Honeysuckle, tatarian, 1½ to 2 ft. ....	6.75	24.00
Lilac, Persian, 2 to 3 ft. hvy. transpl. ....	16.00	60.00
Lilac, Persian, 3 to 4 ft. hvy. transpl. ....	21.00	80.00
Privet, Amur River, 1½ to 2 ft. ....	5.00	17.50
Russian Olive, 1½ to 2 ft. ....	3.00	10.00
Russian Olive, 2 to 3 ft. ....	4.00	14.00
Spirea Van Houtte ....	7.00	25.00
Colorado Spruce, 9 to 12 in. ....	8.75	32.00
Colorado Spruce, 12 to 18 in. ....	13.75	52.00
Colorado Spruce, 18 to 24 in. ....	20.00	75.00



# Climbing Vines

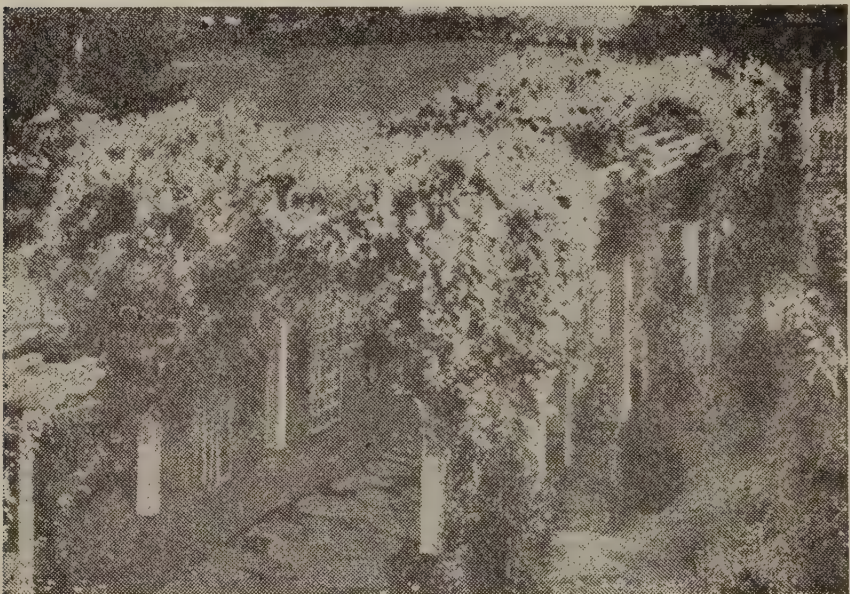
Strong Two and Three Year Grades

**CLEMATIS, Jackmanni.** 10 to 15 ft. One of the most beautiful vines grown. Open flowers from four to six inches across; rich velvety purple. In full bloom in July. Established in pots, ea. \$1.35.

**CLEMATIS, Coccinnea.** 5 to 6 ft. Bright scarlet, heavy petalled bell-shaped flowers; blooms from July till frost. Usually perennial. Ea. 75c.

**ENGLEMAN IVY.** 30 to 40 ft. Neat hardy self climber on brick or stone walls; brilliant autumn colors. Rapid growing; very hardy and dependable. Ea. 60c.

**GRAPE, Beta.** The most dependable hardy grape for covering arbors and fences. Strong 2 year plants, each 50c.



## SILVER LACE VINE

**HONEYSUCKLE, Scarlet Trumpet.** 15 to 20 ft. Desirable vine with red tubular flowers over rather long period during summer. Has rich dark foliage remaining late in fall. Ea. 75c.

**SILVER LACE VINE.** 20 to 25 ft. Very rapid growing vine with fresh green foliage decorated with clouds of fragrant foamy white flowers from July on. Each 85c.

**CLIMBING ROSES** are an ever popular subject for trellises. Our climbing roses are listed separately under section titled Climbing Roses.

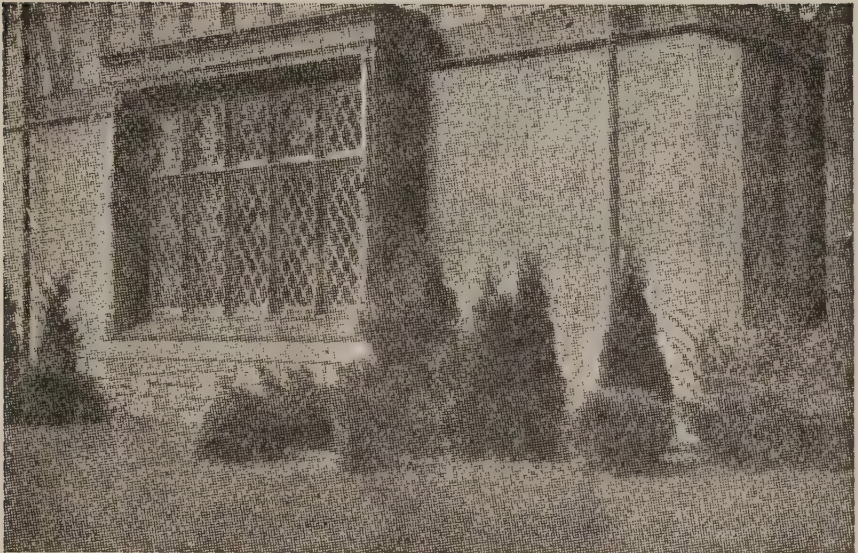
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## NOTES ON PLANTING

Exposing roots to sun and air should be avoided. Dig holes plenty large to hold roots without crowding, with bottom of hole fully as wide as the top. A good rule is "The harder the hole is to dig, the larger it needs to be." Poor soil, gravel, and rubbish should be replaced entirely with good soil to give plants a fair chance. Refill holes with top soil first around roots. Caution: Raw fertilizers and manure in contact with roots causes burning, and if used, should be mixed sparingly with the planting soil. When hole is refilled with soil around the plant roots, apply water until every inch is soaked to the bottom of the roots. Prune shade trees and shrubs back 1-4 1-3 for faster recovery from transplanting; in cutting back branches, conform with the general normal shape.



# EVERGREENS



Modern landscaping has given evergreens a very important place in home beautification.

Most important of all is the warm, green cheerfulness of varied foliage textures in the winter landscape when other ornamentals are without foliage or flowers. Summer and winter, evergreens give an air of friendliness and distinction to any planting.

Careful skill is devoted to digging our evergreens with ample ball of earth to give assurance of continued successful growth.

## Upright Junipers

These are the pyramidal evergreens very frequently planted close to buildings, along with low evergreens and shrubs. The outline and height can be influenced by shearing.

**SCOPULORUM JUNIPER, or Colorado Silver Juniper.** This is the hardy western upright variety. Growth conical and densely branched; foliage of pleasing texture, with blue shading of color prevailing. 3 to 3½ ft., ea. \$7.00; 3½ to 4 ft., ea. \$8.00; 4 to 4½ ft., ea. \$9.00; 4½ to 5 ft., ea. \$10.00; 5 to 5½ ft., ea. \$11.00.

## Grafted Upright Junipers

The following varieties each originate as selections of outstanding specimen parent trees which have been increased by grafting. Each variety is distinct and beautiful; however all trees of the same variety are identical in type and color, permitting matched pairs or groups. All varieties below are of *J. Scopulorum* specie except Cannart which is a *J. Virginiana* strain.

**CANNART JUNIPER.** Foliage distinctive rich deep green and usually displays numerous silvery-blue berries when well established. 3½ to 4 ft., ea. \$11.00; 4½ to 5 ft., ea. \$13.50.

**COLUMNAR JUNIPER.** A narrower upright form; grey-green foliage. Just the thing for spaces of limited width. 3 to 3½ ft., ea. \$9.00; 3½ to 4 ft., ea. \$10.50.

**HOLMAN'S GREEN JUNIPER.** One of the best green *Scopulorum* strains. Narrow pyramidal habit of growth. Green color fluctuates very little, summer and winter. 3 to 3½ ft., ea. \$9.00.



(GRAFTED UPRIGHT JUNIPERS, Continued)

**KENYON JUNIPER.** Very distinct in its very compact form, requiring little or no trimming. Sparkling bright blue color. 3 to 3½ ft., ea. \$9.00; 3½ to 4 ft., ea. \$10.50.

**MOFFETTI JUNIPER.** One of the best. Upright pyramidal habit of growth, compact and shapely with very little trimming. Attractive greenish-silver color. 3 to 3½ ft., ea. \$9.00; 3½ to 4 ft., ea. \$10.50; 4 to 4½ ft., ea. \$12.50.

**NORTH STAR JUNIPER.** Stands out with light shiny green color, summer and winter. Pyramidal shape. 3 to 3½ ft., ea. \$9.00; 3½ to 4 ft., ea. \$10.50.

**PATHFINDER JUNIPER.** Color is an exceptional blue shade the year around. Pyramidal shape with full ball. 3 to 3½ ft., ea. \$9.00; 3½ to 4 ft., ea. \$10.50.

**SUTHERLAND JUNIPER.** Has a natural full-bodied habit of growth; compact with very little trimming. Medium to dark green in color. 2½ to 3 ft., ea. \$7.50; 3 to 3½ ft., ea. \$9.00.

**WELCHI JUNIPER.** Branches have very definite upright habit, yet well proportioned and thickly branched. Even shade of silvery-green. 3 to 3½ ft., ea. \$9.00; 3½ to 4 ft., ea. \$10.50.

### Low Growing Junipers

(Low growing evergreens are measured by the average diameter of their spread.)

**PFITZER JUNIPER.** A low spreading juniper, one of the best; foliage attractive blue-green of soft mossy appearance. 18 to 24 in., ea. \$5.50; 2 to 2½ ft., ea. \$6.50; 2½ to 3 ft., ea. \$7.50.

**SABINA JUNIPER.** Low growing type with numerous upright fan-shaped branches, with tufted dark green foliage. Excellent for foundations, groups or low borders. 18 to 24 inches, ea. \$5.00; 2 to 2½ ft., ea. \$6.00.

**SABINA VONEHRON JUNIPER.** A more upright growing type of Sabina of more rapid growth. Foliage dark green; branches have more open habit of growth than Sabina. 2 to 2½ ft., ea. \$5.50; 2½ to 3 ft., ea. \$6.50.

**TAMARISCIFOLIA JUNIPER.** Dwarf low growing Juniper that ranks as one of the neatest, most attractive in cultivation. A green color that is softened by a blue tone in a densely patterned growth. Little change in color, summer to winter. 15 to 18 inches, ea. \$4.50; 18 to 24 inches, ea. \$5.50.

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### SPRUCE

**COLORADO BLUE SPRUCE.** This is one of the choicest and most beautiful of all evergreens with its symmetric pyramidal form and color. Is exceptionally well adapted for wide range of planting and is one of the hardiest.

There is a natural color variation of trees of this species even in seedlings from the same parent tree, and these we classify as Blue type and Green type. Aside from color there is no difference; in groups, Blue type and Green type planted together make pleasing combinations. Rate of growth 6 to 12 inches or more per year.

**AVERAGE BLUE TYPE:** 3 to 3½ ft., ea. \$8.50; 3½ to 4 ft., ea. \$9.75; 4 to 4½ ft., ea. \$11.25; 4½ to 5 ft., ea. \$12.75; 5 to 5½ ft., ea. \$14.25; 5½ to 6 ft., ea. \$15.75; 6 to 7 ft., ea. \$18.25.



## (COLORADO SPRUCE, Continued)

**GREEN TYPE:** 3 to 3½ ft., ea. \$6.75; 3½ to 4 ft., ea. \$7.75; 4 to 4½ ft., ea. \$9.00; 4½ to 5 ft., ea. \$10.25; 5 to 5½ ft., ea. \$11.50; 5½ to 6 ft., ea. \$12.75; 6 to 7 ft., ea. \$15.00.

(Larger spruce or exceptions to average color or confirmation priced according to value upon application or by personal selection. Special crating, if required, charged at cost.)

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**SMALL SPRUCE TREES:** Three times transplanted; well rooted. Not balled and burlapped. Greenish-blue type.

Nicely started little trees for large groups and windbreak planting.

Size	for 3	for 10	for 25
9 to 12 in. ....	\$1.35	\$4.00	\$ 8.75
12 to 18 in. ....	1.95	6.00	13.75
18 to 24 in. ....	3.00	8.50	20.00

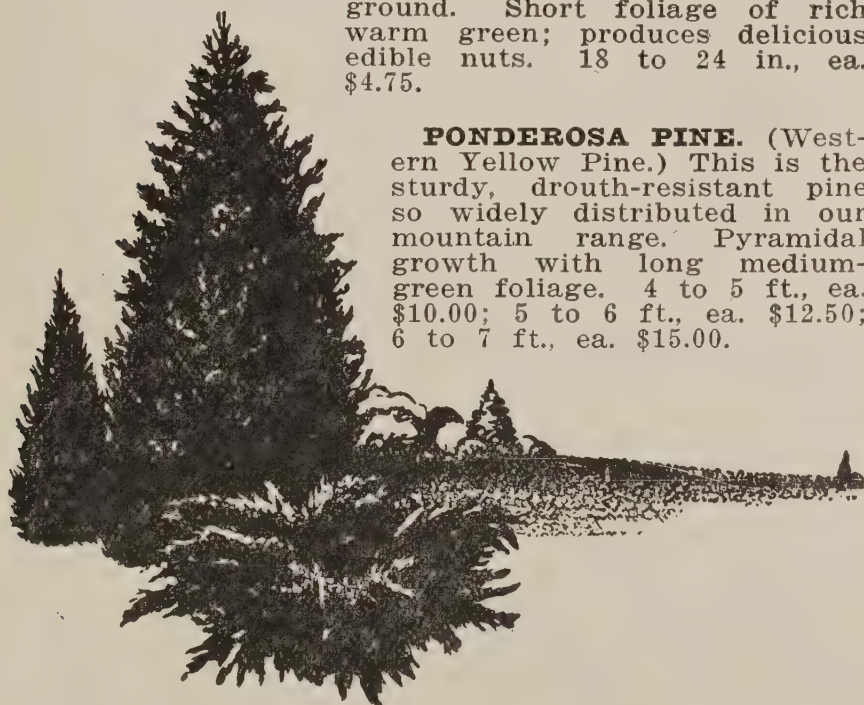
## PINES

**AUSTRIAN PINE.** Pyramidal grower with long slender, deep green needles. Branches from ground upward, making well formed tree. 3 to 4 ft., ea. \$8.00; 4 to 5 ft., ea. \$10.00.

**MUGHO PINE.** The popular low-growing compact pine that fits in so well in foundation plantings, as specimens or in groups. 18 to 24 in., ea. \$5.50; 2 to 2½ ft., ea. \$6.50.

**PINON PINE.** A slow-growing, choice variety. Low round-headed tree, branching from ground. Short foliage of rich warm green; produces delicious edible nuts. 18 to 24 in., ea. \$4.75.

**PONDEROSA PINE.** (Western Yellow Pine.) This is the sturdy, drouth-resistant pine so widely distributed in our mountain range. Pyramidal growth with long medium-green foliage. 4 to 5 ft., ea. \$10.00; 5 to 6 ft., ea. \$12.50; 6 to 7 ft., ea. \$15.00.



In planning the location for evergreens, the growth habits of the different types should be considered, thus the respective items will be in proper proportion as they increase in size, beauty, and value. Upright and spreading Junipers and Mugho Pine can be used in various combinations including foundation plantings. Larger growing evergreens such as Spruce, Austrian Pine, and Ponderosa Pine are very effective in groups, single specimens, or borders and screens; since they may attain a future branch diameter of 15 or 20 feet they should be located so they will not later obstruct driveways, walks, doorways, etc. In all varieties it is desirable to permit the branches to grow down to the ground line for best appearance and easier maintenance.





Roses in all their beauty and fragrance can be enjoyed in almost any garden. For best success with Everblooming roses, good fertile soil, several hours daily sunshine, and good thrifty planting stock are required. Where soil is poor, it should be replaced with good top-soil to a depth of 18 to 24 inches for the rose bed. A six-inch mound of soil or leaves over the crown of the plant is a good means of winter protection. In many localities, climbing roses should be laid down for winter and entirely covered. Hardy Shrub Roses need no protection and are not exacting as to soil.

Our list of roses represents a very careful selection in all colors from a great number of varieties. You will find a number of choice new creations of recent years as well as some of the old favorites that cannot be replaced because of their lasting merits.

## Everblooming Roses

**2 yr. No. 1 Field Grown Bushes**

**Price each, \$1.25; \$11.50 per 10**

### YELLOW SHADES

**GOLDEN RAPTURE.** Long lasting well-shaped buds and double blooms of rich yellow on long stems. A recent variety of fine quality.

**JOANNA HILL.** The buds are large, long pointed and open to large full, semi-double attractive flowers of soft yellow with darker center.

**MCGREDY'S YELLOW.** Bright buttercup yellow flowers of good form and substance. Glossy bronzy green leaves; reddish stems.

**MRS. PIERRE S. DU PONT.** Medium sized long-pointed bud of a reddish gold opening to semi-double cupped lasting flower of deep golden yellow.

**SOEUR THERESE.** Long-pointed buds of chrome-yellow, heavily marked with carmine; open flower of rich daffodil-yellow. Sweet briar fragrance.

**SOUVENIR DE CLAUDIUS PERNET.** Blossoms are clear sun-flower yellow with long buds. Thrifty grower; bright shiny green foliage.

**YELLOW SASTAGO.** A sport of the vigorous Condesa de Sastago. Has suffusion of orange with yellow background on buds and opening flowers, changing to more clear yellow upon blooming out.



## PINK SHADES

**BETTY UPRICHARD.** Center petals a rich salmon pink to carmine; outer petals are carmine with coppery shadings suffused orange.

**DAME EDITH HELEN.** One of the largest and most perfectly formed pink roses known; glowing clear pink color on strong stems.

**EDITOR McFARLAND.** Fine shapely buds opening to double balanced flower; color is solid deep brilliant pink; blossoms freely.

**LEONARD BARRON.** Very double flowers of extremely large size, opening a salmon pink shade with a golden suffusion. Hardy native Alaskan rose, Nutkana is one of the parents of this new variety.

**MISS ROWENA THOM.** Very large buds and blooms of bright pink shaded with old gold at the center, borne on long, strong stems. Vigorous grower and profuse in bloom.

**PICTURE.** A picture both in form and color. Beautiful buds open into medium size pink blossoms with warm salmon undertone.

**RADIANCE, PINK.** This is a fine all-round garden rose of brilliant rose-pink; vigorous and prolific; consistent performer.

## WHITE SHADES

**ALICE STERN.** One of the newer roses and considered one of the best whites. Perfectly formed buds open to large flowers tinted ivory at base. Thrifty.

**CALDEONIA.** Long buds of ivory change to purest white as the flowers open into large, double blooms.

**K. A. VICTORIA.** A most popular white rose. Bears many large creamy white, perfectly formed flowers; very fragrant.

## BICOLOR and BLENDED SHADES

**CONDESA de SASTAGO.** A new variety with rare attractive color. Bears quantities of double flowers; petals are distinctly two-toned, deep coppery pink on inside and golden yellow outside. Vigorous, bushy.

**DUQUESA de PENARANDA.** Beautiful blend of apricot-orange and dark pink, opening to splendid blooms of coppery apricot. A marvelous rose of distinct color.

**EDITH NELLIE PERKINS.** Buds long and pointed, outside of petals cream and blush shaded with orange; inside of petals salmon-pink with golden orange base.

**HINRICH GAEDE.** Long pointed shapely bud of nasturtium-red color; double, high centered flowers of ideal shape and unusual color—rich luminous vermillion shaded golden yellow.

**MME. JOSEPH PERRAUD.** High-centered, perfectly formed buds and double blooms that shade from shell-pink at the edges to buff and orange in the center. An upright grower with long-stemmed blooms. A 1934 Gold Medal winner.

**PRES. HERBERT HOOVER.** Large flowers of a very charming combination of cerise-pink, flame, scarlet and yellow with pink shade dominant; broad thick petals; fragrant.

**TALISMAN.** Brilliant red and gold buds, opening to well shaped blooms of glowing yellow stained with copper-red and orange-rose on inside of petals.



(EVERBLOOMING ROSES, Continued)  
RED SHADES

**AMERICAN BEAUTY.** Flowers are large and full, deep pink shaded soft carmine. Although not as profuse throughout the season as other roses in the everblooming class, it is more vigorous and an old favorite.

**AMI QUINARD.** Blackish crimson buds; semi-double flowers of dark maroon-red. A popular "black" rose.

**CHRISTOPHER STONE.** Brilliant sparkling scarlet-crimson. Shapely long pointed buds open into large attractive flowers with true old damask rose fragrance.

**E. G. HILL.** One of the finest red roses. Long buds, high centered full double flowers; dazzling scarlet maturing to deeper pure red.

**ETOILE DE HOLLAND.** Brilliant red blooms of magnificent size, perfect in half-open state, showing clean, attractive centers when open; fragrant.

**GRENOBLE.** Always an attraction in our display garden. Plant is vigorous and blooms come in long stems. Buds are crimson but double open flower is brilliant red, almost scarlet.

**GRUSS AN TEPLITZ.** Dependable bedding rose, succeeding under most ordinary conditions. Color of richest scarlet, shading to a velvety crimson; very fragrant; free, strong grower and in bloom all the time.

**HADLEY.** Large, double, well formed flowers of deep rich crimson.

**MARGARET McGREDY.** Large ovoid buds open into double cupped flowers of solid orange-vermillion shading to very deep pink; very profuse with heavy crops of flowers.

**McGREDY'S SCARLET.** Brilliant scarlet blooms shading to orange-yellow at base of petals; long pointed buds.

**POINSETTIA.** One of the most brilliant shades in red roses, referred to as Poinsettia-scarlet in color. Has long pointed buds, nicely petaled; bush is vigorous and prolific in bloom.

**VICTORIA HARRINGTON.** Large, rich velvety red rose with particularly attractive curving petal formation; fragrant. Thrifty grower.

**RED RADIANCE.** This is the bright rosy-red form of Pink Radiance.

**ROUGE MALLERIN.** Exceptionally fine deep red rose of the most intense coloring with the texture and luster of velvet. Holds its color exceptionally well. Fragrant.

**SOUTHPORT.** Brilliant, unshaded scarlet. Spectacular with particularly sensational color in bright sunlight.

### Patented and Special Roses

All varieties listed below are the Hybrid Tea ever-blooming bush roses.

**CHARLOTTE ARMSTRONG.** (Patented) Long slender blood-red buds open to magnificently brilliant spectrum red to cerise flowers. Am. Rose Society award, 1941. Each \$1.50.

**HEARTS DESIRE.** (Patented). Long unfurling petals of pure even shade of luminous red, holding color and shape remarkably well. Exceptionally fragrant; plants vigorous and prolific. Each \$1.50.

**MIRANDY.** (Patented). Strong free branching plant producing large, long-pointed ovoid buds of Chrysanthemum red blending to rich dark red and black shadings as blooms develop. Very fragrant. First in 1945 All-America rose competition. Each \$2.00.

**TEXAS CENTENNIAL.** (Patented). Hoover sport; vigorous. Bright vermillion red with light tone of gold at base. Petals lighter red at center, gradually toning to deep rich pink as bloom ages. Each \$1.50.

**THE DOCTOR.** Pointed buds expand to enormous blooms of exquisite silvery pink, with intense rose fragrance. Plant does not grow tall, but each flower is remarkable. Each \$1.50.

**WILL ROGERS.** (Patented). Dark velvety-crimson maroon; double, free bloomer; dark green foliage. Each \$1.50.

## POLYANTHA AND FLORIBUNDA ROSES

These will outbloom anything in the rose family all summer long. Very desirable for landscape effect in solid beds, borders, or colorful highlights in the foundation planting; plants have thrifty growth habit. Cameo and Gloria Mundi, the baby flowering type, are compact, hardly exceeding 18 inches; Else Poulsen and Lafayette are Floribunda types and average taller and have larger 2 to 3 inch flowers.

Price each \$1.25; \$11.50 per ten

**CAMEO.** Lively and clear shades of shell pink and salmon with a glow of gold; quantities of small double roses in clusters.

**GLORIA MUNDI.** Produces a generous bright display of orange-scarlet flowers all summer that resist fading. Very similar to Cameo except for color.

**ELSE POULSEN.** Flowers medium size, semi-double, lasting, bright rose pink. Continues blooming from summer to late fall on erect thrifty plants.

**LAFAYETTE.** Medium sized deep glowing red flowers suffused with vivid crimson. Blooms profusely, flowers of rose crimson.

## Climbing Roses

**AMERICAN BEAUTY CLIMBER.** Large double flowers of rose crimson. Each \$1.10.

**CRIMSON RAMBLER.** Crimson flowers borne in profuse clusters. Each \$1.00.

**DOROTHY PERKINS.** Beautiful shell-pink flowers are borne in large clusters of small double blooms; sweet scented. One of the thriftiest of standard climbers. Each \$1.00.

**MME. GREGOIRE STAECHELIN.** Strong grower with large healthy foliage. Long pointed buds are crimson at tips, and upon opening, outer petals show splashes of carmine and glowing pearl-pink inside; fragrant. Each \$1.00.

**PAUL'S SCARLET.** For brilliant color this rose is unsurpassed. Produces clusters of semi-double vivid dazzling red blooms. Each \$1.10.

**VAN FLEET JR.** An exceptional climbing rose that produces a fine display of double flesh pink blossoms on long stems through June, and then as the summer goes along, new buds and gowers continue until frost. The foliage is also distinct in its crisp shiny dark green background for the blossoms. Each \$1.50.

## Shrub and Rugosa Roses

**HANSA RUGOSA ROSE.** Has large red blossoms with violet tinge that appear intermittently all summer. Does not freeze back; can be used as a shrub, growing to about 4 feet; has attractive dark green foliage. 2 yr. No. 1 plants each, \$1.10; \$10.00 per ten.

**RED LEAF ROSE.** *Rosa rubrifolia*. A very hardy shrub rose attaining 6 to 8 feet. Foliage has a reddish-violet tinge all summer, beautifully studded with starry bright pink blossoms in June. Prominent orange-red berries are showy all winter. 3 to 4 ft. each, \$1.50.



# NEW HARDY CHRYSANTHEMUMS

*An added month of flowers now makes Indian  
Summer a most colorful season of Chrysanthemums*

The varieties here listed have consistently reached mature blooming season here at Loveland where the first light frosts are expected about Sept. 21, and hard frosts conclude the mum season about Oct. 21. Chrysanthemums are resistant to light frosts. The Cheyenne, Wyo. Horticultural Field Station (6100 ft. alt.) has grown many of these varieties and introduced following varieties indicated as U. S. D. A. We suggest varieties according to altitudes as following: From 6500 to 8000 feet—Ann Miller, Pink, Bronze and Yellow Cushion, White Gull, Clara Curtis, Pygmy Gold, Manantico; from 5500 to 6500 feet—most any variety blooming in September or earlier; less than 5500 feet—all varieties in this list.

Height of plants when in bloom is stated after each variety. This is for comparison and will vary depending on location, soil, watering. Plants usually grow a little taller the second year.

## Cushion Type Mums

Make low plants, broader than tall, covered with solid mass of flowers in full bloom. Pink Cushion and its relatives are also advertised as "Azaleamums."

**AMELIA** or "**PINK CUSHION.**" A "cushion of flowers in masses from August into October; broad dwarf mounds 12 to 16 inches high completely covered with masses of pink flowers. Ea. 40c; 3 for \$1.10; per doz. \$4.00.

**BRONZE CUSHION.** Same type and habit as "Pink Cushion" except color, which is deep bronze turning to coppery yellow. Ea. 40c; 3 for \$1.10; per doz. \$4.00.

**YELLOW CUSHION.** Same type and habit as "Pink Cushion," but yellow flowers. Ea. 40c; 3 for \$1.10; per doz. \$4.00.

**PINK TIDE.** (12-15 in.) Deep bright pink 2½ inch single flowers start blooming in September with succession of flowers opening higher on plant until the broad surface is a blanket of solid pink about Oct. 1. Cushion type plants often 3 ft. across and with several hundred blooms the first year. Ea. 40c; 3 for \$1.10; per doz. \$4.00.

**SANDRA.** (12-15 in.) Recent variety of Amelia extraction of similar free flowering dwarf habit. Striking crimson with rust suffusion. Uncommon color in cushion varieties; very popular with our visitors. Late Sept. Ea. 40c; 3 for \$1.10; per doz. \$4.00.

**WHITE GULL.** (12 in.) Baby Pompon of compact low growth producing quantities of small rounded one-inch white button mums. Starts blooming early, late Aug., and continuing long thereafter. Ea. 40c; 3 for \$1.10; per doz. \$4.00.

## Semi-Dwarf and Larger Cushion Types

These are characterized by an extremely generous display of flowers on bushy plants for mass garden display.

**ANN MILLER.** (16 in.) Early variety, nearly a cushion type, in full color in late Aug., continuing for long period. True autumn tints in 2½ inch flowers of deep russet or orange red. Ea. 40c; 3 for \$1.10.

**ARAPAHOE.** (16 in.) U.S.D.A. Indescribable autumn colors, being a blend of bronze, yellow and reddish orange. Up to 200 open flowers on plant in full bloom. Two inch blossoms are semi-double. Plant low to medium in height. Early Sept., Ea. 40c; 3 for \$1.10.

(CHRYSANTHEMUMS, Continued)

**CLARA CURTIS.** (16 in.) Produces quantities of fragrant pink daisy-like flowers. In late fall the plant can be potted and forced in bloom indoors by February-March. Full bloom outdoors early Sept. Ea. 40c; 3 for \$1.10.

**DEANNA.** (14 in.) Neat bushy plant with nice covering of 1½ inch pompon flowers. Color is lively bronzy red, reverse of petals orange. September. Ea. 40c; 3 for \$1.10.

**DELUXE RED CUSHION.** (18 in.) Has "Azalea-mum" type of double blossom and mound-like growth habit; slightly more robust in size. Color is really a definite red much sought after in a cushion type. Early Oct. Ea. 50c; 3 for \$1.40.

**JUDITH ANDERSON.** (16 in.) Formal appearing bushy plant whose surface is a gleaming mass of yellow composed of many 1¼ inch pompon blooms. Early Oct. Ea. 40c; 3 for \$1.10.

**MANANTICO.** (16 in.) U.S.D.A. Single 2¼ inch flowers. Petals open a Shoenfeld purple on inside and rosaline pink on back side; bright yellow disc in center. Very colorful in the garden. Early September. Ea. 40c; 3 for \$1.10.

**OGALLALA.** (24 in.) U.S.D.A. Has spread of 2½ feet, giving general effect of tall cushion type. Buds open a deep red, open flowers graduating to rosy-bronze surrounding yellow disc. Semi-double 1½ inch flowers. Extremely prolific with 500 to 700 flowers. Sept. Ea. 40c; 3 for \$1.10.

**OSAGE.** (16 in.) U.S.D.A. Unusual delicate two-tone effect is created by pale lavender tips on white petals, the center of flower being creamy white, a soft combination of lavender and cream. As many as 150 fully double 2½ inch flowers. Sept. Each 40c; 3 for \$1.10.

**PYGMY GOLD.** (15 in.) A dwarf pompon with steady succession of 1 inch golden yellow blooms from August till hard frosts. Each 40c; 3 for \$1.10.

**POCATELLO.** (16 in.) U.S.D.A. Early double 2-2½ inch flowers. White with slight tinge of pink giving effect of blush color. Early Sept. Ea. 40c; 3 for \$1.10.

**SANTA CLAUS.** (24 in.) Not a real Cushion but grows in a broad mound bearing many rich red blooms. Flowers large, 2½ inches across, almost double. Very showy and frost resistant. Late Sept. Ea. 40c; 3 for \$1.10.

**SEPTEMBER BRONZE.** (15 in.) The warm bronze and golden-bronze tints of autumn are beautifully reflected in very shapely 1½ inch pompon. Plant has low broad outline and very colorful from Sept. on. Ea. 40c; 3 for \$1.10.

**SONIA.** (16 in.) Unusual color of rich purple; quantities of two inch double flowers make an appealing display on bushy plants. Early Oct. Each 40c; 3 for \$1.10.

**Intermediate and Taller Mums**

With these, the flower itself is the main feature, and are prized as cut flowers. Also given highest regard in the garden for their individuality and beauty.

**ALGONQUIN.** (24 in.) Deep rich lemon yellow double flowers. Petals mostly ray florets. Good stems for cutting. U.S.D.A. Ea. 40c; 3 for \$1.10.

**ALICE BARHAM.** (24 in.) Beautiful double 2½ to 3 inch of orange bronze. Late Sept. Each 40c;

**AVALANCHE.** (18 in.) The finest white we have yet encountered for garden planting. Choice large 4 inch flowers, richly double. Has soft creamy center until it becomes fully expanded pure white bloom. Sept. Each 50c; 3 for \$1.40. 3 for \$1.10.

**BARBARA CUMMINGS.** (18 in.) Large yellow double 3 inch flowers begin maturing after mid-September. Ea. 40c; 3 for \$1.10.

**CALIPH.** (30 in.) Deepest velvet red that is beautiful in contrast with lighter color. Double pompon-like flowers. Oct. Ea. 40c; 3 for \$1.10.

**CHIPPEWA.** (22 in.) Minnesota introduction of striking aster like purple 2¾ inch blooms. Double to semi-double. Sept. Ea. 60c; 3 for \$1.70.



(CHRYSANTHEMUMS, Continued)

**CRIMSON GLORY.** (18 in.) Handsome dark bronzy red pompon on upright plants. Frost resistant. Mid-Oct. Ea. 40c; 3 for \$1.10.

**EARLY BRONZE.** (16-20 in.) Hardy pompon usually in full bloom around Sept. 20. Very attractive compact orange-bronze flowers. Each 40c; 3 for \$1.10.

**EARLY WONDER.** (24 in.) Round pompon flowers which on first opening are delicate pink blending to peach blossom pink when fully open. Late Sept. Each 40c; 3 for \$1.10.

**EDGAR A. GUEST.** (18-20 in.) Long blooming variety with appealing rich color of deepest fall tones. Two inch flowers open a very dark bronzy red with gradual mellowing color as the flowers mature. Late Sept. Each 40c; 3 for \$1.10.

**EMBER.** (24-30 in.) Brilliant glowing bronze, a combination of coral and orange shades; very double 2½ inch flowers. Oct. Each 40c; 3 for \$1.10.

**EUGENE A. WANDER.** (18 in.) Large sparkling golden flowers, perfect in form, practically cover the plants during the early part of the 'mum season, about mid-September. Each 50c; 3 for \$1.40.

**EVELYN.** (20 in.) When first opening is near approach to crimson, assuming a deep bronze hue at maturity. Quantity of 2½ inch blooms. Late Sept. Each 40c; 3 for \$1.10.

**GANNA.** (30 in.) Bright silvery pink, 2½ in flower; strong robust growth. Mid-Oct. Each 40c; 3 for \$1.10.

**HARBINGER.** (20 in.) Deep primrose yellow with bronze shadings; 2½ inch double blossoms on nicely proportioned plants. Late Sept. Ea. 40c; 3 for \$1.10.

**INDIAN SUMMER.** (28 in) Large double glowing bronze which is very attractive. Blooms mid-October, but rather frost resistant. Each 40c; 3 for \$1.10.

**IRENE.** (24 in.) Large number of small white pompon flowers on erect plants. Mid-Oct. Ea. 40c; 3 for \$1.10.

**JEAN TREADWAY.** (18 in.) Double 2½ inch flowers of soft pink with deep pink center. Early Oct. Each 40c; 3 for \$1.10.

**KING MIDAS.** (30 in.) Soft golden yellow with occasional light bronze shading; good sized blooms. Vigorous grower. Sept.-Oct. Each 40c; 3 for \$1.10.

**KRISTINA.** (20 in.) Sturdy Northland Daisy hybrid with 2½ inch single flowers of crimson-pink. October. Each 40c; per ten \$3.50.

**LAVENDER LADY.** (24-30 in.) Pure distinct silvery lavender of a most pleasing shade. Full, double 3 inch blossoms. Early Oct. Each 50c; 3 for \$1.40.

**LORELIE.** (18 in.) Beautiful double flowers of glowing yellow; blossoms of excellent shape and 3 inch size. Sept. Each 40c; 3 for \$1.10.

**MRS. PIERRE S. DuPONT.** (24 in.) Dominant shade is soft peach tinted with rosy-salmon and fawn shades; large, full, perfectly formed flowers carried on sturdy stems. Early Oct. Each 50c; 3 for \$1.50.

**NORMANDY.** (20 in.) Soft blend of creamy white and light blush pink; 2 inch double flowers. Early Sept. Each 40c; 3 for \$1.10.

**POHATCONG.** (18 in.) Double 2½ inch flowers. Outer ray petals have a white face, edged and streaked hermosa pink with reverse white. General effect is pink with white frosty interior. Late Sept. U.S.D.A. Each 40c; 3 for \$1.10.

**RED VELVET.** (24 in.) Admirable new double mum of rich velvety crimson freely produced on upright plants. Early Oct. Each 50c; 3 for \$1.40.

**ROSZIKA.** (20 in.) Shapely, very double 2½ to 3 inch blossoms of pink with faint suggestion of salmon shading. Sept.-Oct. Each 40c; 3 for \$1.10.

(CHRYSANTHEMUMS, Continued)

**RUTH HATTON.** (24 in.) Pure white medium size fully double pompon blossoms fairly cover the plant. Early Oct. Each 40c; 3 for \$1.10.

**R. M. HATTON.** (24 in.) Identical with Ruth Hatton except color which is bright canary yellow. Early Oct. Each 40c; 3 for \$1.10.

**SEMINOLE.** (18 in.) Double white 2 inch flowers that open with a creamy center. U.S.D.A. Sept. Each 40c; 3 for \$1.10.

**SEPTEMBER DAWN.** (24 in.) A bright, lively pink retaining an even depth of color over a long period. Shapely  $2\frac{3}{4}$  inch double blooms. Late Sept. Each 40c; 3 for \$1.10.

**SEQUOIA.** (24 in.) Good sized double blooms of irresistible mellow amber color. October. Each 40c; 3 for \$1.10.

**SONNY BOY.** (16-20 in.) Golden yellow sport of the popular pompon Early Bronze. Habit in every way identical with parent. Sept. Ea. 40c; 3 for \$1.10.

**TASIVA.** (16-18 in.) Beautiful  $2\frac{1}{2}$  inch double white blooms with delicate creamy center. Very profuse. Sept. Each 40c; 3 for \$1.10.

**THE MOOR.** (24 in.) Brilliant amaranth-crimson; a rich intense color. Double  $2\frac{1}{2}$  inch flowers. Oct. Each 40c; 3 for \$1.10.

**UINTA.** (20 in.) U.S.D.A. In full harmony with the deep red and gold bronze shades of autumn. Semi-double  $2\frac{1}{4}$  inch flowers are rich bronzy red upon opening, assuming nicely blended lighter tawny shades while maturing. Sept.-Oct. Each 40c; 3 for \$1.10.

**VIVID.** (24-30 in.) Well named by its bright rose-crimson color; double  $2\frac{1}{2}$ -3 inch flowers. Oct. Each 40c; 3 for \$1.10.

## NEW ENGLISH MUMS

This new strain has flowers that average much larger than the majority of the hardy garden varieties. By disbudding all but the main blossom, maximum size can be attained as much as 5 or 6 inches in diameter. After testing a large number of English varieties, we have selected out a limited number that have survived three winters satisfactorily, and that start blooming about Sept. 20, continuing into October.

**ALABASTER.** (24 in.) Large white blossoms, slightly incurved; 4 to 5 inch blossoms without disbudding. Each 65c; 3 for \$1.80.

**DAILY EXPRESS.** (20 in.) Opens as an orange-bronze-red shade maturing to soft glowing orange-yellow with yellow glow in center,  $3\frac{1}{2}$  to 4 inch blooms without disbudding. Ea. 65c; 3 for \$1.80.

**GOLD STANDARD** (28 in.) Fine large deep yellow with slightly incurved petals. 4 to 5 inch blooms without disbudding. Each 65c; 3 for \$1.80.

**HECTOR** (22 in.) White; center petals decidedly incurved surrounded by nicely arranged outer petals. 3 inch blooms without disbudding. Ea. 65c; 3 for \$1.80.

**HENRY SUTCLIFFE.** (26 in.) Attractive large golden yellow flowers with incurved petals.  $3\frac{1}{2}$  to 4 inch blooms without disbudding. Ea. 65c; 3 for \$1.80.

**NELLIE RICHARDSON.** (22 in.) Appealing soft pink color with suggestion of salmon suffusion. Nice  $3\frac{1}{2}$  inch flowers, which if disbudded, should bloom out more quickly; otherwise a little late. Ea. 65c; 3 for \$1.80.

**ORANGE GLOW.** (24 in.) A beautiful blend of orange bronze with gold on the reverse side of petals. Very compact  $2\frac{3}{4}$  inch blossoms without disbudding. Early Oct. Each 65c; 3 for \$1.80.

**REVELLER.** (22 in.) Striking 3 inch blossoms of glowing orange-red with gold center. Late Sept. Each 65c; 3 for \$1.80.



# Perennials

Perennial flowers come up year after year without having to set new plants every spring.

**Prices of perennials, unless otherwise indicated, 35c each; \$3.00 per ten.**

**BLEEDING HEART.** (2 ft.) The ever popular plant with pink heart shaped flowers on graceful arching stems. May-June. 3 to 5 eye roots, each 85c.

**COLUMBINE.** Mrs. Scott Elliot Hybrids. (2 ft.) Beautiful long spurred flowers in a variety of pastel colors. June-July.

**DELPHINIUM belladonna.** (4 ft.) Long spikes of clear turquoise blue; blooms from June till frost if first spikes are cut.

**DELPHINIUM bellamosa.** (4 ft.) Habit of growth much like Belladonna, but flowers dark blue.

**DELPHINIUM HYBRIDS.** Large flowers of varied blue pastel shades. Each 40c; per 10 \$3.50.

**PYRETHRUM.** Painted Daisy. (18 in.) Daisy-like flowers in various shades of pink, fern-like foliage; May-June.

**SCABIOSA caucasica.** "Pin Cushion flower." (2 ft.) Charming 2½ inch lavender-blue flowers on long cutting stems from June to Sept.

**SHASTA DAISY.** Large snow-white flowers, blooming over long season.

**VERONICA amethystina.** 12-15 in.) Trim looking plants with bushy upright habit of growth, surmounted by spikes of rich deep blue color in June and July.

## Hardy Phlox

This group of perennials is rich in gay color from July on; fragrant.

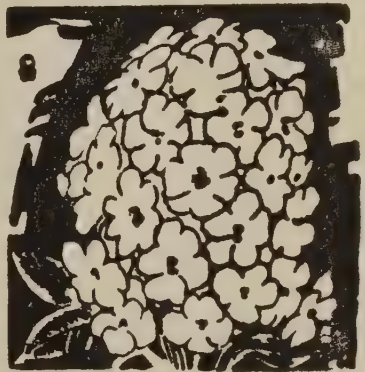
**DAILY SKETCH.** Extra large trusses, large florets of light salmon pink; faint carmine eye. Each 40c.

**EVA FORESTER.** Large heads with many individual flowers open at one time. Large individual corets of clear pink. Each 40c.

**LEO SCHLAGETER.** Brilliant glowing scarlet flowers in rich full trusses. One of the best red Phlox in existence. Each 40c.

**MARY LOUISE.** White phlox highly regarded. Large flower heads and large individual florets of pure white. Each 40c.

**R. P. STRUTHERS.** Bright cherry red with salmon shading; clear-red eye. Each 35c.



## Peonies

For customers wishing to plant peonies this spring, we have specially provided for strong roots for spring planting. Additional varieties are available in the fall when plants can be taken directly from field.

**EDULIS SUPERBA.** Deep pink double blooms with remarkable rose fragrance. Early. Each 90c.

**FELIX CROUSSE.** An always popular full double variety of bright ruby red color. Midseason. Each 90c.

**FESTIVA MAXIMA.** Fine white early mid-season variety with flecks of crimson on the center petals. Each 90c.

**KARL ROSENFELD.** Brilliant double dark crimson blooms. Midseason. Each 90c.

**MONS. JULES ELIE.** Immense flowers of glowing lilac-pink shading to deeper rose. Early mid-season. Each \$1.20.

**RIENE HORTENSE.** Large double blooms of rose pink flecked with crimson. Mid-season. Each 90c.

**SARAH BERNHARDT.** Double flowers of large size; color lively apple-blossom pink, petals silver tipped. Profuse in bloom and flowers well supported by strong stems. Late midseason. Each 90c.



# KROH BROTHERS NURSERIES

Date \_\_\_\_\_

Name \_\_\_\_\_

R.F.D. or Street \_\_\_\_\_

Postoffice \_\_\_\_\_ State \_\_\_\_\_

Ship to \_\_\_\_\_

Ship when \_\_\_\_\_

By Parcel Post \_\_\_\_\_ Express \_\_\_\_\_ Freight \_\_\_\_\_

Amount enclosed \$ \_\_\_\_\_

Information regarding shipping, etc. on page inside front cover.

If necessary substitute with nearest smaller ( ) or larger ( ) sizes of the same variety; or substitute with a similar variety of a similar size ( ). Please check (X) your preference. See other side.



We prefer not to substitute and will not do so without the customers permission. However, the supply of some kinds of nursery stock is limited and we cannot predict how far into the season that all items listed will be available. This applies especially to fruit trees and plants and to roses.

If you have approved substitution on the other side of this order sheet we shall use such size or variety that comes the nearest if we happen to be out of your preference. Where this results in difference in value due you we shall refund the difference; if you approve larger sizes the difference will be charged. Where there is no suitable substitute, or if you have not instructed us to substitute, the full amount of any item not in stock will be refunded.

All stock is offered subject to supply and items are reserved in the rotation in which orders are received.

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## Booklet on Home Landscape Improvement

A booklet entitled "Home Grounds Sketch Book" with illustrations and diagrams, contains much in the way of authentic information and suggestions for landscaping of city and county homes. A free copy will be furnished on request.



